



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:
Collin E. Thomas *et al*.

Serial No.: 10/047,251

Filed: January 14, 2002

For: GENETIC AND EPIGENETIC
MANIPULATION OF ABC
TRANSPORTERS AND ECTOPHOSPHATASES FOR THE

CONFERENCE OF DRUG RESISTANCE

AND FOR THE LOSS OF DRUG RESISTANCE IN BIOLOGICAL

SYSTEMS AND METHODS FOR THE DETECTION OF ECTO-PHOSPHATASE

INHIBITORS

Group Art Unit: 1651

Examiner: Unknown

Atty. Dkt. No.: TEXG:003USD1

RECEIVED

OCT 0 8 2002

TECH CENTER 1600/2900

CERTIFICATE OF MAILING 37 C.F.R 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date below:

Robert E. Hanson

September 26, 2002

Date

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record.

In accordance with 37 C.F.R §§ 1.97(g), (h), this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be

construed to be an admission that the information cited is, or is considered to be, material to

patentability as defined in 37 C.F.R. § 1.56(b).

The present Supplemental Information Disclosure Statement is being filed prior to the

receipt of a first Official Action reflecting an examination on the merits, and hence is believed to

be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in

connection with the filing of this Supplemental Information Disclosure Statement, however,

should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to

these materials, the Commissioner is hereby authorized to deduct said fees from Fulbright &

Jaworski Deposit Account No.: 50-1212/TEXG:003USD1.

This application is a divisional application of Serial No. 09/261,825, filed March 3, 1999

and is relied upon for an earlier filing date under 35 U.S.C. § 120. In accordance with Rule 37

C.F.R. § 1.98(d) copies of the listed documents are not enclosed as they have been previously

cited by or submitted to the Patent and Trademark Office in prior application Serial No.

09/261,825.

Applicants respectfully request that the listed documents be made of record in the present

case.

Respectfully submitted,

Robert E. Hanson

Reg. No. 42,628

Attorney for Applicants

FULBRIGHT & JAWORSKI L.L.P. 600 Congress Avenue, Suite 2400 Austin, Texas 78701 (512) 474-5201

Date:

September 26, 2002



Form PTO-1449 (modified)

Atty. Docket No. TEXG:003USD1 Serial No. 10/047,251

1651

Applicant

Collin E. Thomas et al.

RECEIVED

(Use several sheets if necessary)

INFORMATION DISCLOSURE STATEMENT

List of Patents and Publications for Applicant's

Filing Date: January 14, 2002

OCT 0 8 2002 Group:

U.S. Patent Documents

Foreign Patent Documents

Other ArTECH CENTER 1600/2900

See Page 1

See Page 1

See Page 1

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
					:		

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B2	WO 97/30667	8/28/97	PCT	r		

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation					
	C25	Barros et al., "Ectonucleotide diphosphohydrolase activities in entamoeba histolytica," Arch. Biochem. Biophys., 375(2):304-314, 2000.					
	C26	Crack et al., "Pharmacological analysis of ecto-ATPase inhibition: evidence for combined enzyme inhibition and receptor antagonism in P2x-purinoceptor ligands," Br. J. Pharmacol., 113(4):1432-1438, 1994.					
	C27	Crack et al., "Pharmacological and biochemical analysis of FPL 67156, a novel, selective inhibitor of ecto-ATPase," Br. J. Pharmacol., 114(2):475-481, 1995.					
	C28	Kiba et al., "Specific inhibition of cell wall-bound ATPases by fungal suppressor from Mycospaerella pinodes," Plant Cell Physiol., 36(5):809-817, 1995.					
	C29	Okada et al., "Diethyl pyrocarbonate is an inhibitor of cardiac, intestinal and renal ecto-ATPase," Acta Histochem. Cytochem., 30(5&6): 637-642, 1997.					
	C30	Rengelshausen et al., "Inhibition of procine renal ecto-ATPase by Ca2+ antagonists," Eur. J. Physiol., 429(6), Suppl Abstract 177, 1995.					
	C31	Thomas et al., "Apyrase functions inplant phosphate nutrition and mobilizes phosphate from extracellular ATP," Plant Physiol., 119(2):543-551, 1999.					
:	C32	Yegutkin et al., "Steady-state binding of [3H]-ATP to rat liver plasma membranes and competition by various purinergic agonists and antagonists," Biochim. Biophys. Acta, 1373(1):227-236, 1998.					

25213029.1

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.